

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number  
**WO 2005/077728 A1**

(51) International Patent Classification<sup>7</sup>: **B62B 7/00**

(21) International Application Number:

PCT/KR2005/000366

(22) International Filing Date: 7 February 2005 (07.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
10-2004-0008907  
11 February 2004 (11.02.2004) KR

(71) Applicant and

(72) Inventor: BAE, Myung-Soon [KR/KR]; 301 Jinseok Villa, 623-11 Okkye-dong, Gumi, Kyungsangbuk-do 730-380 (KR).

(74) Agent: YOO, Young-dae; 205 Kicox Venture Center, 188-5 Guro-dong, Guro-gu, Seoul 152-050 (KR).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

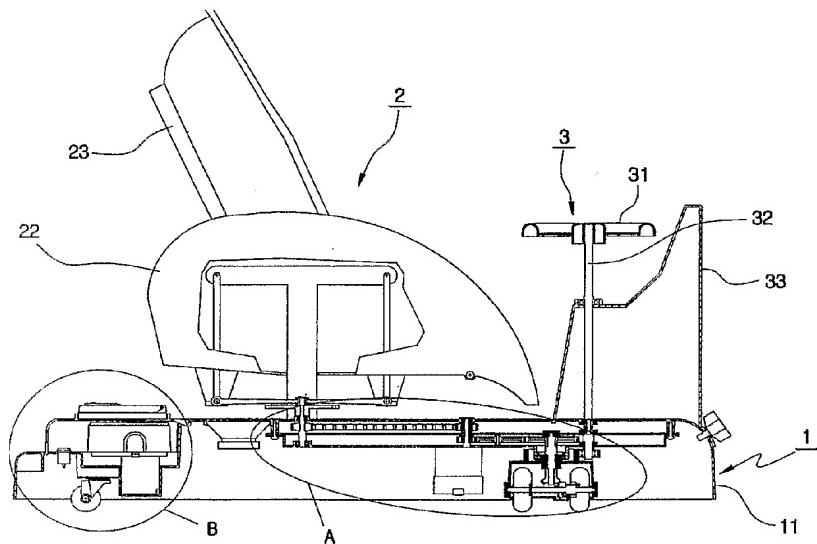
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MULTIFUNCTIONAL ELECTRIC-POWERED INFANT CAR WITH CRADLE FUNCTION



(57) Abstract: A multifunctional electric-powered infant car with cradle function comprises a car body (1) and a cradle unit (2). The cradle unit (2) is mounted on the car body (1) such that the cradle unit (2) can be moved back and forth. The cradle unit (2) has a supporting frame (21) vertically mounted to the car body (1) and an inclination-adjustable back part (23) for allowing an infant to be laid on the cradle unit (2). The car body (1) comprises a car body driving unit (13) mounted to the car body base (11) for transmitting a one-way rotating force generated from a driving motor (131) to driving wheels (133) via a driving force transmitting part (132), and a cradle driving unit (14) to receive the driving force generated from the driving motor (131) of the car body driving unit (13) for moving the cradle unit (2) back and forth.

WO 2005/077728 A1